

ABSTRACT

The object of the invention is a high-voltage spark gap device operated in conjunction with a high-power electric generator and comprising an electric trigger system and at least two mutually spaced main electrodes. These main electrodes in particular are spheres and cooperate pairwise and face each other. This spark gap device furthermore comprises means to close the current loop and separated by a dielectric from the electrodes, said device being characterized in that the electric trigger system comprises as many trigger electrodes as there are main electrodes in it, said trigger electrodes being fitted with an insulating protector received in each main electrode of said device.

Fig. 1.